

MAT-8130US

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: N. Toyama et al. : Art Unit:  
Serial No.: To Be Assigned : Examiner:  
Filed: Herewith :  
FOR: VIDEO MIXING APPARATUS AND :  
METHOD OF MIXING VIDEO :

## PRELIMINARY AMENDMENT

Assistant Commissioner for Patents  
Washington, D.C. 20231

SIR:

Prior to examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Please replace the following paragraphs:

At page 3, line 5:

In the structure shown in Fig. 15, mixing processor 1103 outputs mixed video signal Vm according to the following formulas (4):

At page 4, line 26:

Basically, in a pixel at which the key signal generator outputs key signal K=0, mixed video signal Vm - background video signal Vz should be satisfied. In other words, regarding a luminance component, the term of Sy - (1 - K)Ry in (4a) should take "0" (zero) and My = Zy should be satisfied. However, since the screen has some noises, Sy ≠ Ry, thus error of Sy - Ry appears in the mixed video.